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33. (Amended) An endodontic dental reinforcement post for endodontic and reconstructive pin therapy comprising a prefabricated bundle of non-metallic and non-woven, unstretched and unstressed fibers in a cured resin, said fibers being assembled in said resin without a traction pulling force being exerted thereto; said fibers and resin being ~~inelastic and~~ flexible, said post adapted to extend from an apical end to a coronal end of a tooth canal.

34. (Unchanged) The dental reinforcement post as in Claim 33 wherein said fibers are fiberglass fibers.

35. (Unchanged) The dental reinforcement post as in Claim 34 wherein said fiberglass fibers are E-glass fibers.

36. (Once Amended) The dental reinforcement post as in Claim 33 wherein each fiber comprises a plurality of light transmitting fiber optic filaments.

38. (Unchanged) The dental reinforcement post as in Claim 33 further comprising an epoxy binder.

39. (Unchanged) The dental reinforcement post as in Claim 38 wherein said epoxy resin further comprises an opaquer composition therein.

63 40. (Amended) The dental reinforcement post as in Claim 33 wherein said bundle of fibers ~~have~~ has a rounded end.

41. (Unchanged) The dental reinforcement post as in Claim 33 wherein said bundle of fibers have a tapered end.

42. (Unchanged) The dental reinforcement post as in Claim 33 further comprising at least one surface cut of about 50 to 100 micron depth to increase texturing.

43. (Unchanged) The dental reinforcement post as in Claim 33 further comprising at least one facet of about 50 to 100 micron depth to increase texturing.

44. (Unchanged) The dental reinforcement post as in Claim 33 further comprising at least one groove of about 50 to 100 micron depth to increase texturing.

45. (Unchanged) The dental reinforcement post as in Claim 33 further comprising at least indentation of about 50 to 100 micron depth to increase texturing.

46. (Unchanged) The dental reinforcement post as in Claim 42 further comprising at least one axially extending

die drawn indentation of 50 to 100 micron depth to increase texturing.

47. (Unchanged) The dental reinforcement post as in Claim 42 wherein said texturing is etched with acid.

48. (Unchanged) The dental reinforcement post as in Claim 42 wherein said texturing is by sandblasting of said reinforcement member.

49. (Unchanged) The dental reinforcement post as in Claim 42 wherein said texturing is by laser light.

50. (Unchanged) The dental reinforcement post as in Claim 33 wherein said post is a dental reconstructive pin.


51. (Unchanged) The dental reinforcement post as in Claim 50 wherein said dental reconstructive pin is looped.

52. (Unchanged) The dental reinforcement post as in Claim 33 wherein said post is polished at one end to direct light axially therethrough.

53. (Unchanged) The dental reinforcement post as in Claim 33 wherein said dental reinforcement post comprises a

plurality of adjacent coaxially extending dental reinforcement posts.

54. (Unchanged) The dental reinforcement post as in Claim 53 wherein each adjacent co-axially extending dental reinforcement post includes at least one axially extending facet abutting a further axially extending facet of a further adjacent coaxially extending dental reinforcement post for locking said plurality of adjacent coaxially extending dental reinforcement posts in position within an interior canal of a tooth.



55. (Once Amended) A dental post and core device comprising an inelastic post, said post having a coronal end and an apical end, said post including a prefabricated plurality of non-metallic and non-woven, unstretched and unstressed fibers in a cured resin, said fibers being assembled in said resin without a traction pulling force being exerted thereto; said fibers and resin being inelastic and flexible, said fibers extending between the coronal and the apical end of said post.

56. (Unchanged) The endodontic dental reinforcement post as in Claim 33 wherein said post has a flexibility closely approximating the flexibility of a tooth structure.

57. (Unchanged) The dental post and core inelastic post as in Claim 55 wherein said post has a flexibility closely approximating the flexibility of a tooth structure.


58. (Unchanged) The endodontic dental reinforcement post as in Claim 33 wherein said post is cylindrical.

59. (Unchanged) The dental post and core inelastic post as in Claim 33 wherein said post is tapered.

60. (Unchanged) The endodontic dental reinforcement post as in Claim 55 wherein said post is cylindrical.

61. (Unchanged) The dental post and core inelastic post as in Claim 55 wherein said post is tapered.

Please add new Claims 62-70 as follows:



62. (New) The dental reinforcement post as in Claim 33 wherein said post adapts to the curvature of the canal.

63. (New) The dental reinforcement post as in Claim 33 wherein fibers are silica-based fibers.

64. (New) The dental reinforcement post as in Claim 33 wherein said post comprises a tapered series of truncated conical sections separated by serrations.

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58. (New) The dental post and core device as in Claim 55 wherein said post comprises a tapered series of truncated conical sections separated by serrations.

⁶⁶
67. (New) The dental reinforcement post as in Claim 55 wherein said post adapts to the curvature of the canal.

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68. (New) The dental reinforcement post as in Claim 55 wherein fibers are silica-based fibers.

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69. (New) The dental reinforcement post as in Claim 33 wherein said fibers are glass fibers.

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70. (New) The dental reinforcement post as in Claim 55 wherein said fibers are glass fibers.
